

# Ch E 550: Membrane Science and Engineering

This course covers the science of membrane processes and the engineering of membrane system module and process design. Topics discussed include: membrane transport theory, porous and nonporous membranes, membrane characterization, and unit operations with a focus on the application of membrane theory to unit operations and the optimization of both industrial and academic applications.

#### 3 Credits Prerequisites

• Engr 322: Transport Phenomena

### Instruction Type(s)

• Lecture: Lecture for Ch E 550

## **Subject Areas**

<u>Chemical Engineering</u>

#### **Related Areas**

<u>Chemical and Biomolecular Engineering</u>

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